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(57) Abstract			
<p>Transgenic hairless mice which express a full length or truncated human elastin promoter and fibroblast cultures derived from these transgenic mice are provided. Also provided are methods of identifying compounds capable of inhibiting cutaneous photodamage with these transgenic hairless mice or fibroblast cultures derived from these mice. In addition, an <i>in vitro</i> system for identifying agents capable of inhibiting or preventing oxidative damage in these mice fibroblast culture wherein reactive oxygen species are generated within the mouse fibroblast culture and a method for identifying agents which prevent oxidative damage are provided.</p>			